

ABSTRACT OF THE DISCLOSURE

The process comprises: introducing organic material to
5 be pyrolyzed into a reactor having a substantially
hermetically sealed heatable chamber containing at least
one rotatable endless screw heated by the Joule effect
receiving the material, heating the organic material to a
temperature between 200°C and 800°C, preferably between
10 300°C and 400°C, so as to cause the pyrolysis during its
movement, under the influence of the rotation of the at
least one screw and to extract the consumed material and
the smoke products from the chamber.